

SBWS – Sandbar Willow Temporarily Flooded Shrubland (Map Unit 20)



Photo credit: Jim Von Loh



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The Sandbar Willow Temporarily Flooded Shrubland (SBWS, Map Unit 20) represents the *Salix exigua* (Sandbar Willow) Temporarily Flooded Shrubland Association.

This temporarily flooded shrubland occurs in a patchy distribution for about 1000 meters along Grape Creek from the northern boundary fence line upstream to a series of beaver ponds. This area has the lowest monument elevations of between 8150-8225 feet, occupies a nearly flat gradient, and is poorly drained. Sandbar willow stands are confined to the gravel and sand substrate of the creek and expand upstream, rapidly transitioning to the *Salix monticola* / *Carex utriculata* (Mountain Willow / Beaked Sedge) Shrubland and *Salix monticola* / Mesic Graminoids (Mountain Willow / Mesic Graminoids) Shrubland.

SBWS – Sandbar Willow Temporarily Flooded Shrubland (Map Unit 20) Continued

Photo Signatures

In the natural color aerial photography, SBWS appears as medium green with a medium texture and a linear shape. The shrubs are 5-8 meters in height near the fence line and are shorter (2-4 meters) near the beaver ponds. They have a foliar cover of 55-75%. The signature closely resembles the Mountain Willow Shrubland (MWS, Map Unit 21). Photo SBWS-1 was taken in August 1995. At the time of the color infrared aerial photography (August 1983) this association had not yet developed to any appreciable size, so no example is given.

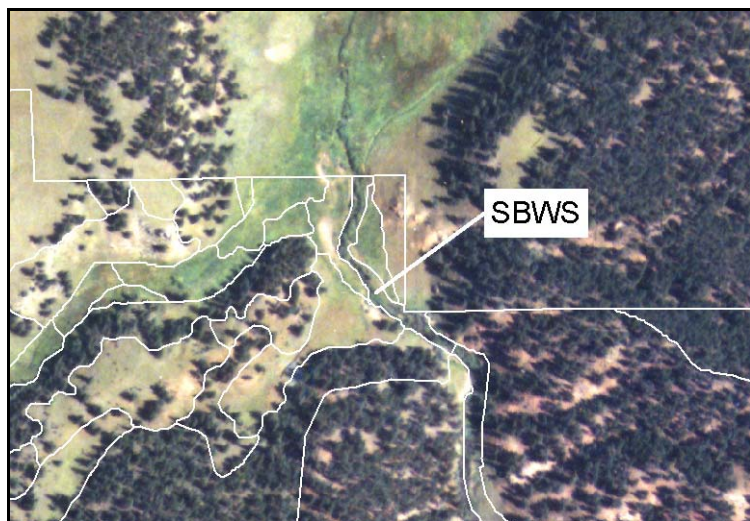
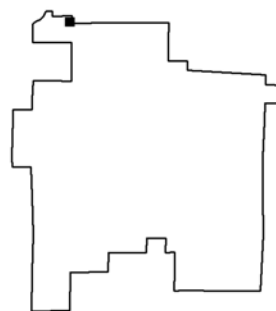


Photo SBWS-1



Location of **SBWS-1** within
National Monument

Area Report for SBWS Map Unit

Number of Polygons: 1
Number of Hectares: 0.4
Number of Acres: 1
Average Size: 0.4 hectares, 1.0 acre

Accuracy Assessment Results for SBWS Map Unit

The Sandbar Willow Temporarily Flooded Shrubland Map Unit was assessed at 33% for producers' accuracy and at 100% users' accuracy.